

AMENDMENTS TO THE CLAIMS

1. (Previously amended) A method for treating a dilatation of a body, including the
5 steps of:
 inserting a catheter into a localized region of said body;
 exuding from said catheter a substance capable of perfusing into at least some
tissue in said localized region;
 allowing said substance to perfuse into a tissue of said localized region; emitting from
10 said catheter energy of a frequency and in an amount effective to cause a temperature change
in said substance; and
 contracting said dilatation;
 whereby at least some tissue in said localized region is treated.
- 15 2. (Original) A method as in claim 1, wherein said localized region includes a lumen or
sphincter.
3. (Original) A method as in claim 1, wherein said localized region includes cancerous,
engorged, inflamed or infected tissue.
- 20 4. (Withdrawn) A method as in claim 1, wherein said localized region includes an
aneurysm, a blocked lumen, a stenosed lumen or a constricted lumen.
5. (Withdrawn) A method as in claim 1, wherein said localized region includes a cyst,
25 tumor or wart.
6. (Original) A method as in claim 1, wherein said localized region is associated with a
body system, said body system including a blood vessel, lung tube, lung pocket,
gastrointestinal system, urogenital system, nerve or nerve sheath.
- 30 7. (Withdrawn) A method as in claim 1, wherein said localized region is associated with
a particular organ including a kidney, prostate, retinal lesion or skin lesion.

8. (Original) A method as in claim 1, wherein said exuded substance includes a saline solution.

5 9. (Withdrawn) A method as in claim 1, wherein said exuded substance includes a

10. (Withdrawn) A method as in claim 1, wherein said exuded substance includes a collagen.

10 11. (Withdrawn) A method as in claim 1, wherein said exuded substance includes a bioactive substance, said substance including a drug or enzyme.

12. (Withdrawn) A method as in claim 1, wherein said exuded substance includes a chemoactive substance including an acid, lipid-breaker or soap.

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13. (Withdrawn) A method as in claim 1, wherein said exuded substance includes an instrumentative substance including a florescent or x-ray marker.

14. (Original) A method as in claim 1, wherein said energy is emitted by electrical contact.

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15. (Withdrawn) A method as in claim 1, wherein said emitted energy includes RF (monopolar or bipolar), microwave or laser.

25 16. (Withdrawn) A method as in claim 1, wherein said emitted energy includes ultrasound.

17. (Withdrawn) A method as in claim 1, wherein said emitted energy includes physical heating or cooling.

30 18. (Original) A method as in claim 1, wherein said treatment includes shrinkage of said lumen or said sphincter to a selected dimension.

—19.— (Original) A method as in claim 1, wherein said treatment includes shrinkage of said lumen or said sphincter to a substantially normal dimension.

5 20. (Original) A method as in claim 1, wherein said treatment includes shrinkage of said engorged or inflamed tissue by removal of lipids or water,

21. (Withdrawn) A method as in claim 1, wherein said treatment includes shrinkage of said engorged or inflamed tissue by removal of an ablated tissue or a dead cell matter.

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22. (Withdrawn) A method as in claim 1, wherein said treatment includes shrinkage of said engorged or inflamed tissue by removal of infection products.

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23. (Original) A method as in claim 1, wherein said treatment includes destruction of a damaged or a diseased tissue.

24. (Original) A method as in claim 1, wherein said treatment includes promotion of epithelial growth.

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25. (Original) A method as in claim 1, wherein said treatment avoids local nerve centers.

26. (Original) A method as in claim 1, including an additional step of isolating said localized region using a structure inserted as part of said catheter.

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27. (Original) A method as in claim 26, wherein said inserted structure includes an occluding balloon.

28. (Original) A method as in claim 26, wherein said inserted structure includes a space-filling balloon with a lumen through it.

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29. (Original) A method as in claim 1, wherein said catheter includes instrumentation used

for feedback.

30. (Original) A method as in claim 29, wherein said feedback includes surgical visualization provided by a camera, RF energy, x-rays, florescence or ultrasound.

31. (Original) A method as in claim 29, wherein said feedback includes systemic, comprising measurement of pH, pressure or temperature.

32. (Original) A method as in claim 29, wherein said feedback includes monitoring for said treatment, including an element for determining a location of a specified tissue element to be treated.

33. (Original) A method as in claim 29, wherein said feedback includes monitoring for said treatment, including pacing.

34. (Original) A method as in claim 1, wherein said exuding and perfusing includes a physical method of delivery.

35. (Original) A method as in claim 34, wherein said exuded and perfused substance includes included in a saline solution or nontoxic foam.

36. (Original) A method as in claim 34, wherein said physical method of delivery includes a porous balloon, a microporous balloon, or a balloon with a porous or microporous membrane.

37. (Original) A method as in claim 34, wherein said physical method of delivery includes direct emission from said catheter.

38. (Withdrawn) A method as in claim 34, wherein said physical method of delivery includes a local structure, comprising an absorbable basket or a stent.